



## INFORMATION DISCLOSURE STATEMENT

Applicant : Ehmann et al.  
App. No. : 10/767,630  
Filed : January 28, 2004  
For : METHODS AND COMPOSITIONS FOR  
HUMAN BLADDER EPITHELIAL CELL  
CULTURE  
Examiner : Unknown  
Group Art Unit : 1636

Mail Stop: Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 31 references that are also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,  
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 9/17/04

By: [Signature]

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
STNUN.001AAPPLICATION NO.  
10/767,630INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Ehmann et al.FILING DATE  
January 28, 2004GROUP  
1636

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	1.	Atala, A. et al. 1992 "Formation of urothelial structures in vivo from dissociated cells attached to biodegradable polymer scaffolds in vitro." <i>J Urol</i> , <b>148</b> : 658-662.
	2.	Atala, A. et al. 1993 "Implantation in vivo and retrieval of artificial structures consisting of rabbit and human urothelium and human bladder muscle." <i>J Urol</i> , <b>150</b> : 608-612.
	3.	Birchmeier, W. et al. 1994 "Cadherin expression in carcinomas: role in the formation of cell junctions and the prevention of invasiveness." <i>Biochim Biophys Acta</i> , <b>1198</b> :11-26.
	4.	Bulbul, M.A. et al. 1986 "Growth of human urologic tumors on extracellular matrix." <i>J Urol</i> , <b>136</b> : 512-516.
	5.	Chlapowski, F.J. 1989 "Long term growth and maintenance of stratified rat urothelium <i>in vitro</i> ." <i>Cell Tissue Kinet</i> , <b>22</b> : 245-257.
	6.	Cilento, B.G. et al. 1994 "Phenotypic and cytogenetic characterization of human bladder urothelia expanded in vitro." <i>J Urol</i> , <b>152</b> : 665-670.
	7.	De Boer, W. I. et al. 1994 "Characterization of distinct functions for growth factors in murine transitional epithelial cells in primary organotypic culture." <i>Exp Cell Res</i> , <b>214</b> :510-518.
	8.	Dulbecco, R. et al. 1979 "Differentiation of a rat mammary cell line <i>in vitro</i> ." <i>PNAS USA</i> , <b>76</b> :1256-1260.
	9.	Ehmann U.K. et al. 2002 "Juxtacrine stimulation of normal and malignant human bladder epithelial cell proliferation." <i>J. Urol</i> , <b>167</b> :735-741.
	10.	Ehmann, U.K. et al. 1998 "Physical connections between feeder cells and recipient normal mammary epithelial cells." <i>Exp Cell Res</i> , <b>243</b> : 76-86.
	11.	Ehmann, U.K. et al. 1984 "To grow mouse mammary epithelial cells in culture." <i>J Cell Biol</i> , <b>98</b> : 1026-1032.
	12.	Freeman, M.R. et al. 1997 "Heparin-binding EGF-like growth factor is an autocrine growth factor for human urothelial cells and is synthesized by epithelial smooth muscle cells in the human bladder." <i>J Clinical Invest</i> , <b>99</b> :1028-1036.

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. STNUN.001A	APPLICATION NO. 10/767,630
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Ehmann et al.	
		FILING DATE January 28, 2004	GROUP 1636

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	13.	Fujiyama, C. et al. 1995 "Reconstruction of the urinary bladder mucosa in three-dimensional collagen gel culture: fibroblast-extracellular matrix interactions on the differentiation of transitional epithelial cells." <i>J Urol</i> , <b>153</b> : 2060-2067.
	14.	Guhe, C. et al. 1994 "Growth and characterization of porcine urinary bladder epithelial cells in vitro." <i>Am J Physiol</i> , <b>266</b> : F298-F308.
	15.	Hammond, S.L. et al. 1984 "Serum-free growth of human mammary epithelial cells: Rapid clonal growth in defined medium and extended serial passage with pituitary extract." <i>PNAS USA</i> , <b>81</b> :5435-5439.
	16.	Hicks, R.H. 1975 "The mammalian bladder: an accommodating organ." <i>Biol Rev</i> , <b>50</b> : 215-246.
	17.	Hutton, K.A. et al. 1993 "Urothelial tissue culture for bladder reconstruction: an experimental study." <i>J Urol</i> , <b>150</b> : 721-725.
	18.	Johnson, M.D. et al. 1985 "Serial cultivation of normal rat bladder epithelial cells in vitro." <i>J Urol</i> , <b>133</b> : 1076-1081.
	19.	Kirk, D. et al. 1985 "Selective growth of normal adult human urothelial cells in serum-free medium." <i>In Vitro Cell Dev Biol</i> , <b>21</b> : 165-171.
	20.	Masters, J.R. et al. 1986 "Tissue culture model of transitional cell carcinoma: characterization of twenty-two human urothelial cell lines." <i>Cancer Res</i> , <b>46</b> :3630-3636.
	21.	Nguyen, H.T. et al. 1999 "Cell-Specific activation of the HB-EGF and ErbB1 genes by stretch in primary human bladder cells." <i>In Vitro Cell Dev Biol Animal</i> , <b>35</b> :371-375.
	22.	Otto, T. et al. 1994 "Inverse relation of E-cadherin and autocrine motility factor receptor expression as a prognostic factor in patients with bladder carcinomas." <i>Cancer Res</i> , <b>54</b> : 3120-3123.
	23.	Petzoldt, J.L. et al. 1994 "Culture and characterisation of human urothelium in vivo and in vitro." <i>Urol Res</i> , <b>22</b> : 67-74.
	24.	Reznikoff, C.A. et al. 1983 "Growth and characterization of normal human urothelium in vitro." <i>In Vitro</i> , <b>19</b> : 326-343.
	25.	Shi, W. et al. 2000 "The tetraspanin CD9 associates with transmembrane TGF- and regulates TGF- -induced EGF receptor activation and cell proliferation." <i>J Cell Biol</i> , <b>148</b> :591-601.
	26.	Staack, A. et al. 2001 "Organ and species specificity in the stimulation of transitional epithelial cell growth by fibroblasts." <i>Eur Urol</i> , <b>39</b> : 471-477.
	27.	Sterle, M. 1996 "Growth and differentiation of urothelial cells in explant culture." <i>Pflugers Arch</i> , <b>431</b> : R245-R246.
	28.	Truschel, S.T. et al. 1999 "Primary uroepithelial cultures. A model system to analyze umbrella cell barrier function." <i>J Biol Chem</i> , <b>274</b> :15020-15029.
	29.	Tzeng, C.-C. et al. 1996 "Characterization of two urothelium cancer cell lines derived from a blackfoot disease endemic area in Taiwan." <i>Anticancer Res</i> , <b>16</b> :1797-1804.
	30.	Vatne, V. et al. 1998 "Nonadhesive stationary organ culture of normal human urinary bladder mucosa." <i>Anticancer Res</i> , <b>18</b> :3979-3984.

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31.	Yu, H.J. et al. 1992 "Characteristics of a newly established human bladder carcinoma cell-line, NTUB1." <i>J Formosan Med Assoc</i> , 91:608-613.

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